

# Converting Colors

YUV(216.9300, -33.9825,  
26.3714)

Have a look what the booklet for  
YUV(216.9300, -33.9825, 26.3714)  
contains.

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# Color

**YUV(216.9300, -33.9825,  
26.3714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D794
RGB	247, 215, 148
RGB Percent	97%, 84%, 58%
CMY	0.0314, 0.1569, 0.4196
CMYK	0.00, 0.13, 0.40, 0.03
HSL	41°, 86%, 77%
HSV	41°, 40%, 97%
XYZ	68.0035, 70.5132, 38.0432
YIQ	216.9300, 40.5790, -14.0530

# Conversions

## Conversions Part 2

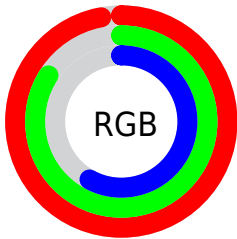
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 247, 148
Decimal	16242580
CIE <sub>Lab</sub>	87.25, 2.16, 37.15
CIE <sub>LCh</sub>	87, 37.212, 86.665
Yxy	70.5132, 0.3852, 0.3994
Android (android.graphics.Color)	4294432660 (0xFFFF7D794)
YUV	216.9300, -33.9825, 26.3714
Hunter-Lab	83.9721, -2.3957, 31.9194

# Details

The YUV color  $216.9300, -33.9825, 26.3714$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $178.0700, 33.9825, -26.3714$ , and the grayscale version is  $217.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.0720, -22.7135, 5.1989$ , and  $161.3750, -32.2299, 24.2271$  is the 20% darker color. If you saturate the color by 10%, you get  $209.3840, -42.5873, 32.9892$ , and if you desaturate by 10%, it is  $224.4760, -25.3777, 19.7535$ .

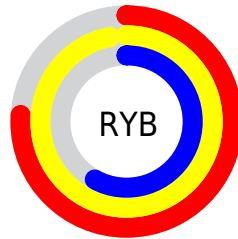
# Distribution



Red (97%)

Green (84%)

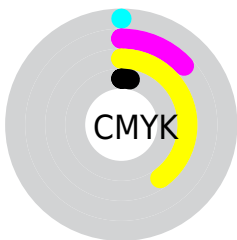
Blue (58%)



Red (76%)

Yellow (97%)

Blue (58%)

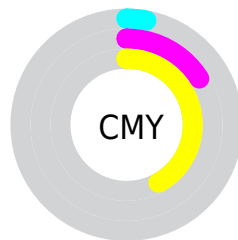


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.9300, -33.9825, 26.3714 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 216.9300, -33.9825, 26.3714 by changing the saturation by 10% instead.



216.9300,  
-33.9825, 26.3714

216.9300,  
-33.9825, 26.3714

255.0000, 0.0000,  
0.0000

188.8590,  
-32.9615, 25.5567

249.0720,  
-22.7135, 5.1989

161.3750,  
-32.2299, 24.2271

252.2640,  
-10.4832, 2.3995

135.0050,  
-31.0615, 22.7976

109.5210,  
-30.3299, 21.4681

84.6240, -29.8876,  
19.6238

60.6130, -29.8822,  
17.8794

40.2240, -19.8304,

13.8356

■ 21.3080, -10.5048,  
9.3769

■ 0.0000, 0.0000,  
0.0000

■ 216.9300,  
-33.9825, 26.3714

■ 216.9300,  
-33.9825, 26.3714

■ 209.3840,  
-42.5873, 32.9892

■ 224.4760,  
-25.3777, 19.7535

■ 201.9520,  
-50.7553, 39.5071

■ 231.9080,  
-17.2096, 13.2357

■ 194.4060,  
-59.3602, 46.1249

■ 239.4540, -8.6048,  
6.6178

■ 186.8600,  
-67.9650, 52.7428

■ 247.0000, 0.0000,  
0.0000

■ 179.4280,  
-76.1330, 59.2606

■ 252.6080, 1.1793,  
-4.9182

■ 171.8820,  
-84.7378, 65.8785

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.7600, -26.0107, 36.1675



216.9300, -33.9825, 26.3714



213.1220, -28.6541, -2.7380

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.9300, -33.9825, 26.3714



198.3020, 24.9941, -83.5799



222.1280, 16.2059, 28.8287

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



216.9300, -33.9825, 26.3714



178.0700, 33.9825, -26.3714

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.1090, 18.1873, -0.0956



216.9300, -33.9825, 26.3714



200.5360, 26.8508, -72.3841

# Square

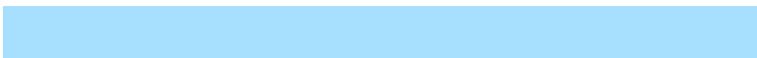
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.9300, -33.9825, 26.3714



202.5590, 5.1474, -64.5112



209.6050, 22.3797, -38.2416



214.4850, 4.6909, 35.5317



# Rectangle

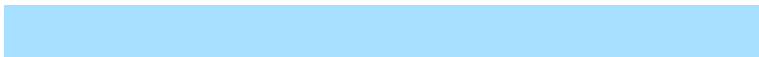
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.9300, -33.9825, 26.3714



210.1670, -20.2953, -23.8255



209.6050, 22.3797, -38.2416



222.3830, 16.0802, 22.4661

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



216.9300, -33.9825, 26.3714



245.5960, -10.6468, 8.2473



181.3630, -0.1790, 57.5636



122.4260, -6.1260, 4.8884



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.9300, -33.9825, 26.3714



217.6120, -41.7137, 32.7893



230.9300, -40.8845, 0.0614



118.2840, -4.0840, 3.2589



129.5760, -63.8810, 49.4838



41.1210, -20.2727, 15.6799



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



178.0700, 33.9825, -26.3714



169.8010, 42.0031, -32.2745



164.0700, 40.8845, -0.0614



113.7160, 4.0840, -3.2589



56.4240, 63.8810, -49.4838



17.8790, 20.2727, -15.6799



# Previews

## White Background



This preview shows how the YUV color 216.9300, -33.9825, 26.3714 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

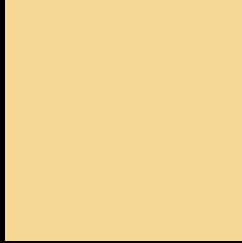
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.9300, -33.9825, 26.3714 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 216.9300, -33.9825, 26.3714 Background



This preview shows how black text looks on a background with the YUV color 216.9300, -33.9825, 26.3714.



This preview shows how white text looks on a background with the YUV color 216.9300, -33.9825,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

216.9300, -33.9825, 26.3714

### Protanopia

216.4020, -33.2292, 18.0644

### Deuteranopia

218.6840, -27.4522, 31.8491



## Tritanopia

222.4750, -0.2342, 28.5244

# Trichromacy



## Original Color

216.9300, -33.9825, 26.3714

## Protanomaly

217.0110, -33.5294, 21.0384

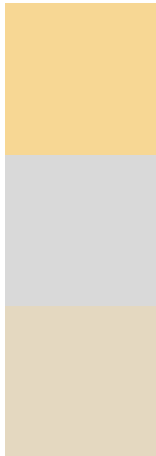
## Deuteranomaly

217.8040, -29.4834, 29.9899

## Tritanomaly

220.2610, -12.4537, 27.8351

# Monochromacy



## Original Color

216.9300, -33.9825, 26.3714

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

216.8520, -12.2520, 9.7768

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.9300, -33.9825, 26.3714 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 215, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 215, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 148) }
```

## Border

The CSS property to change the border of an element to YUV 216.9300, -33.9825, 26.3714 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 215, 148) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 215, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 215, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 215, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 215, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 215,  
148) }
```

# Background

The CSS property to change the background color of an element to YUV 216.9300, -33.9825, 26.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
215, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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